

...AUGUST 2009 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...  
TEMPERATURES ACROSS THE REGION DURING AUGUST WERE CLOSE TO NORMAL AND  
RAINFALL WAS EITHER NON-EXISTENT OR VERY RARE.

THE MONTH GOT OFF TO A COOL START. FOR THE FIRST SEVERAL DAYS OF  
AUGUST A RELATIVELY DEEP LOW PRESSURE TROUGH REMAINED NEARLY  
STATIONARY OFF THE WEST COAST. WHEN THIS TROUGH FINALLY MOVED INLAND  
EARLY ON THE 6TH...IT GENERATED SCATTERED SHOWERS ACROSS THE SOUTHERN  
PORTION OF THE DISTRICT. THE MOST INTENSE SHOWER ACTIVITY OCCURRED  
ACROSS NORTHERN MONTEREY COUNTY DURING THE PRE-DAWN HOURS OF THE  
6TH...BUT MEASURABLE PRECIPITATION FELL AS FAR NORTH AS SAN MATEO  
COUNTY THAT MORNING. THE HEAVIEST RAINFALL FELL ALONG A LINE FROM  
MARINA (0.20) EASTWARD TO SALINAS (0.35).

BRIEF WARM-UPS OCCURRED AROUND THE 10TH AND AGAIN ON THE 21ST WHEN  
TEMPERATURES IN THE INLAND VALLEYS TOPPED OUT NEAR THE CENTURY MARK.  
THREE DAILY TEMPERATURE RECORDS WERE SET ON THE 10TH. THE WARMEST  
AUGUST DAYS OCCURRED NEAR THE END OF THE MONTH WHEN A RIDGE OF HIGH  
PRESSURE OVER THE DESERT SOUTHWEST EXPANDED TO THE NORTHWEST ACROSS  
CALIFORNIA. THE HEAT WAVE PEAKED ON THE 28TH AND 29TH. ON THOSE TWO  
DAYS 13 DAILY RECORD HIGH TEMPERATURES WERE SET OR TIED. WITHOUT THE  
RECORD-SETTING HEAT TOWARD THE END OF THE MONTH...AUGUST WOULD HAVE  
GONE INTO THE RECORD BOOKS AS COOLER THAN AVERAGE. BUT FOR MOST  
LOCATIONS THE AVERAGE TEMPERATURE FOR THE MONTH CAME IN FAIRLY CLOSE  
TO THE 1971-2000 NORMAL.

THE NEAR-NORMAL TEMPERATURES OF AUGUST FOLLOWED TWO COOLER THAN  
NORMAL MONTHS. THUS...THE SUMMER MONTHS AS A WHOLE WERE SLIGHTLY  
COOLER THAN AVERAGE ACROSS THE REGION.

THE MAJORITY OF WEATHER-REPORTING LOCATIONS ACROSS THE REGION  
RECEIVED NO RAINFALL DURING THE MONTH OF AUGUST. WHERE  
PRECIPITATION DID OCCUR...MOST FELL ON THE 6TH. IN ADDITION...SOME  
COASTAL LOCATIONS PICKED UP MEASURABLE PRECIPITATION FROM DRIZZLE  
FALLING OUT OF A DEEP MARINE LAYER ON A COUPLE OF OCCASIONS.  
MONSOONAL MOISTURE SPREADING TO THE NORTHWEST OUT OF THE DESERT  
SOUTHWEST ON THE 23RD PRODUCED CONSIDERABLE MID AND HIGH LEVEL CLOUDS  
ACROSS OUR REGION...BUT ONLY LIGHT RAIN FELL ACROSS PORTIONS OF  
MONTEREY AND SAN BENITO COUNTIES THAT DAY. JUST LIKE ON THE 6TH...  
SALINAS CAME AWAY WITH THE MOST PRECIPITATION ON THE 23RD (0.08). THE  
TOTAL RAINFALL IN SALINAS FOR THE MONTH OF AUGUST WAS 0.43 INCHES...  
WHICH IS 717 PERCENT OF NORMAL (0.06) FOR THE MONTH.

..AUGUST REGIONAL TEMPERATURE SUMMARY...

	DEPARTURE			DEPARTURE		
	AVG	NORMAL	FROM	AVG	NORMAL	FROM
LOCATION	HIGH	HIGH	NORMAL	LOW	LOW	NORMAL

NORTH BAY...

CALISTOGA	91.6	91.1	0.5	55.7	55.7	0.0
FORT ROSS	M	67.6	M	M	48.4	M
HEALDSBURG	88.8	88.1	0.7	54.5	53.8	0.7
KENTFIELD	81.6	84.4	-2.8	52.7	52.5	0.2
NAPA	M	82.7	M	M	54.5	M
PETALUMA	M	82.2	M	M	52.3	M
SAINT HELENA	89.7	88.8	0.9	55.5	53.8	1.7
SAN RAFAEL	81.1	81.4	-0.3	54.8	55.1	-0.3
SANTA ROSA	82.5	82.1	0.4	52.7	52.7	0.0
SONOMA	85.9	89.3	-3.4	52.1	51.7	0.4

SAN FRANCISCO PENINSULA...

HALF MOON BAY	66.9	65.8	1.1	53.1	53.1	0.0
PACIFICA	73.0	71.3	1.7	56.4	52.8	3.6
PALO ALTO	M	78.7	M	M	54.9	M
REDWOOD CITY	82.2	82.5	-0.3	56.7	55.0	1.7
SAN FRANCISCO AIRPORT	74.5	72.5	2.0	56.7	55.5	1.2
SAN FRANCISCO DOWNTOWN	69.7	68.7	1.0	55.5	55.6	-0.1
WOODSIDE	M	88.1	M	M	50.5	M

EAST BAY...

BERKELEY	M	70.8	M	M	55.5	M
CONCORD	85.9	88.0	-2.1	57.5	57.8	-1.2
FREMONT	80.2	79.9	0.3	57.2	57.1	0.1
LIVERMORE	89.5	88.8	0.7	56.5	54.9	1.6
MARTINEZ	88.8	88.3	0.5	M	55.0	M
MOUNT DIABLO JUNCTION	83.4	85.1	-1.7	61.2	59.5	1.7
NEWARK	78.2	77.1	1.1	58.1	58.4	-0.3
OAKLAND	74.4	73.4	1.0	56.9	58.4	-1.5
RICHMOND	70.8	72.0	-1.2	56.1	56.5	-0.4

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	86.3	85.6	0.7	50.7	50.5	0.2
GILROY	87.2	87.9	-0.7	55.8	54.8	1.0
LOS GATOS	85.0	84.9	0.1	56.6	54.3	2.3
MOUNT HAMILTON	77.6	77.8	-0.2	64.2	62.6	1.6
SAN JOSE	82.1	82.4	-0.3	58.5	57.6	0.9
SANTA CRUZ	77.0	75.3	1.7	54.8	53.0	1.8
WATSONVILLE	73.5	72.5	1.0	55.4	53.7	1.7

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	76.3	77.4	-1.1	49.2	50.1	-0.9
CARMEL VALLEY	80.3	78.6	1.7	50.5	49.5	1.0
HOLLISTER	84.0	81.4	2.6	53.5	53.3	0.2
KING CITY	85.2	85.0	0.2	53.0	52.0	1.0
MONTEREY	69.3	69.9	-0.6	53.5	53.4	0.1
PINNACLES NATIONAL						

MONUMENT	94.5	94.2	0.3	M	50.2	M
SALINAS	73.9	72.8	1.1	54.3	55.0	-0.7

...AUGUST REGIONAL PRECIPITATION SUMMARY...

LOCATION	JUNE TOTAL	AVERAGE JUNE PRECIP	PERCENT OF NORMAL
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NORTH BAY...

ANGWIN	M	0.10	M
CALISTOGA	0.00	0.11	0
FORT ROSS	M	0.29	M
HEALDSBURG	0.00	0.14	0
KENTFIELD	0.00	0.12	0
MUIR WOODS	M	0.17	M
NAPA	M	0.11	M
OCCIDENTAL	0.00	0.26	0
PETALUMA	M	0.08	M
SAINT HELENA	0.00	0.09	0
SAN RAFAEL	0.00	0.10	0
SANTA ROSA	0.00	0.11	0
SONOMA	0.00	0.12	0

SAN FRANCISCO PENINSULA...

HALF MOON BAY	0.17	0.27	63
PACIFICA	0.00	0.11	0
PALO ALTO	M	0.08	M
REDWOOD CITY	0.04	0.10	40
SAN FRANCISCO AIRPORT	0.00	0.07	0
SAN FRANCISCO DOWNTOWN	0.00	0.09	0
WOODSIDE	M	0.04	M

EAST BAY...

BERKELEY	0.00	0.12	0
CONCORD	0.00	0.04	0
FREMONT	0.00	0.04	0
LIVERMORE	0.00	0.08	0
MARTINEZ	0.00	0.08	0
MOUNT DIABLO JUNCTION	0.00	0.09	0
NEWARK	0.01	0.07	14
OAKLAND	0.00	0.10	0
RICHMOND	0.00	0.10	0

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	0.00	0.15	0
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GILROY	0.00	0.05	0
LOS GATOS	0.00	0.08	0
MOUNT HAMILTON	0.03	0.09	33
SAN JOSE	0.02	0.07	29
SANTA CRUZ	0.02	0.11	18
WATSONVILLE	0.00	0.07	0

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	0.00	0.15	0
CARMEL VALLEY	0.00	0.07	0
HOLLISTER	0.03	0.08	38
KING CITY	0.00	0.05	0
MONTEREY	0.11	0.11	100
PINNACLES NATIONAL MONUMENT	0.00	0.10	0
SALINAS	0.43	0.06	717

...DAILY RECORDS FOR AUGUST 2009...

DATE	LOCATION	RECORD HIGH	OLD RECORD
8/10	SAN FRANCISCO AIRPORT	87	85 IN 2002
8/10	OAKLAND MUSEUM	86	86 IN 1971
8/10	MOFFETT FIELD	91	90 IN 2002
8/28	MOFFETT FIELD	101	98 IN 2008
8/28	OAKLAND MUSEUM	95	95 IN 1977
8/28	OAKLAND AIRPORT	94	90 IN 2008
8/28	SAN FRANCISCO AIRPORT	95	90 IN 2008
8/28	SAN FRANCISCO DOWNTOWN	96	88 IN 2004
8/28	SAN JOSE	101	101 IN 2008
8/28	MONTEREY	94	87 IN 1977
8/28	SALINAS	99	92 IN 1962
8/28	SALINAS AIRPORT	97	92 IN 1962
8/28	SANTA CRUZ	99	97 IN 1962
8/29	OAKLAND AIRPORT	90	90 IN 2008
8/29	SAN JOSE	100	99 IN 1968
8/29	GILROY	102	101 IN 2008

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE....69.7....14TH WARMEST  
 AVERAGE LOW TEMPERATURE.....55.5....28TH WARMEST  
 AVERAGE TEMPERATURE.....62.6....17TH WARMEST

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL  
 CERTIFIED CLIMATOLOGICAL DATA PLEASE CONTACT THE NATIONAL

CLIMATIC DATA CENTER AT 828-271-4800 OR <http://www.ncdc.noaa.gov>.  
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